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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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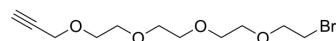
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Propargyl-PEG4-Br

Cat. No.:	HY-130591		
CAS No.:	1308299-09-3		
Molecular Formula:	C ₁₁ H ₁₉ BrO ₄		
Molecular Weight:	295.17		
Target:	ADC Linker; PROTAC Linkers		
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Propargyl-PEG4-Br is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG4-Br is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . Propargyl-PEG4-Br is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.	
IC₅₀ & Target	Non-cleavable Linker	PEGs
In Vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Suzanne AKERS-RODRIGUEZ, et al. Compositions and methods for the treatment of bacterial infections. WO2019126353A2.

Caution: Product has not been fully validated for medical applications. For research use only.

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